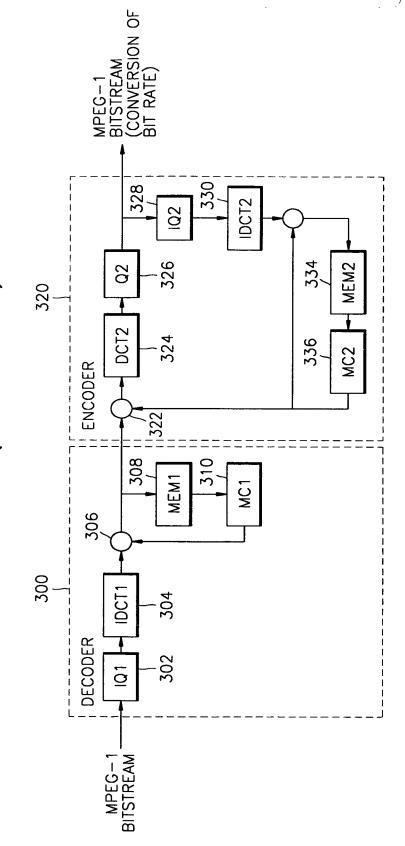
YOO et al. Q6
TRANSCODING METHOD AND APPAR
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-1
1 of 14 202-293-7060 MPEG-1 BITSTREAM (CONVERSION OF BIT RATE) MPEG-1 BITSTREAM EXTERNAL MPEG-1 DECODER 108 208 VLC V ENCODER FIG. 2 (PRIOR ART) 100 EXTERNAL MPEG-1 ENCODER 106 206 **Q**2 TRANSCODER 204 0 DECODER EXTERNAL MPEG-DECODER 104 202 VLD V EXTERNAL MPEG-1 ENCODER 102 MPEG-1 BITSTREAM MPEG-1 BITSTREAM

MB INFORMATION

MOTION VECTOR

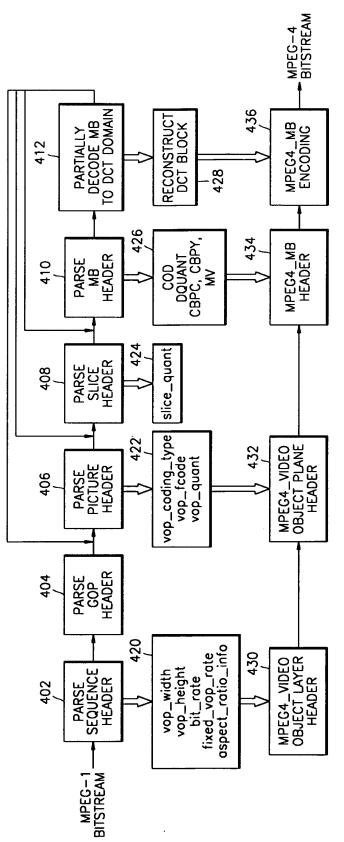
TRANSCODING METHOD AND APPARAT
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-7060
2 of 14

FIG. 3 (PRIOR ART)



YOO et al.
TRANSCODING METHOD AND APPARAT
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-7060
3 of 14

FIG. 4

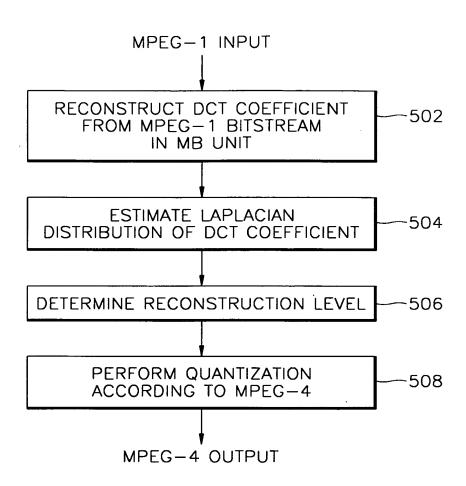


Q64106 YOO et al. TRANSCODING METHOD AND APPARATUS THEREFOR Filed: May 25, 2001

Darryl Mexic 4 of 14

202-293-7060

FIG. 5



YOO et al.
TRANSCODING METHOD AND APPARATUS
THEREFOR
Filed: May 25, 2001
Darryl Mexic
5 of 14
Q64106
Q64106
THEREFOR
FILED
202-293-7060

FIG. 6A

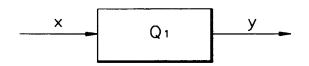


FIG. 6B

8 16 19 22 26 27 29 34 16 16 22 24 27 29 34 37 19 22 26 27 29 34 34 38 22 22 26 27 29 32 35 40 48 26 27 29 34 38 46 56 69 27 29 35 38 46 56 69 83

YOO et al. Q64106 TRANSCODING METHOD AND APPARATUS THEREFOR Filed: May 25, 2001 Darryl Mexic 202-293-7060 6 of 14

FIG. 6C

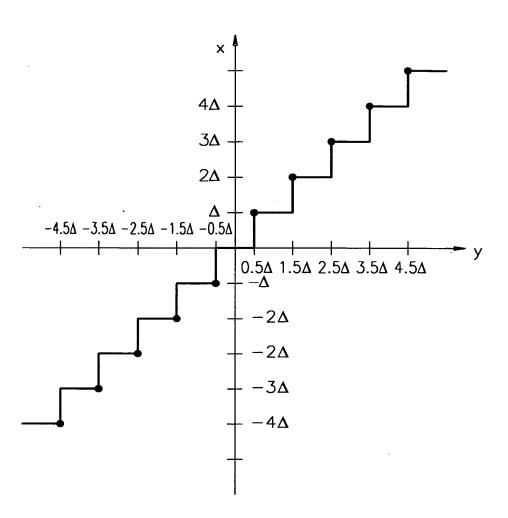
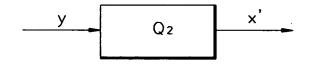


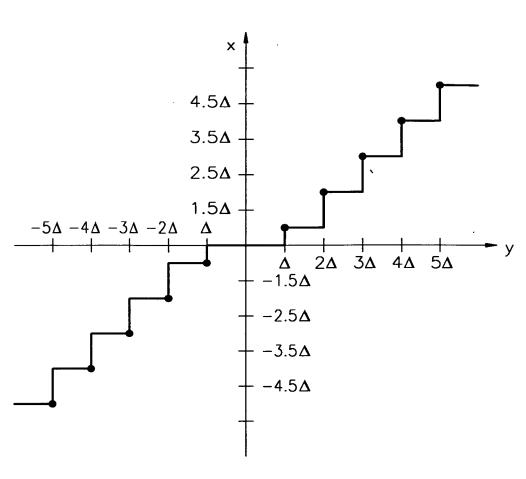
FIG. 6D



YOO et al. Q6410 TRANSCODING METHOD AND APPARATO THEREFOR Filed: May 25, 2001 Darryl Mexic 202-293-7060 7 of 14

202-293-7060

FIG. **6E**



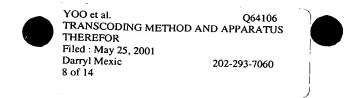


FIG. 7A

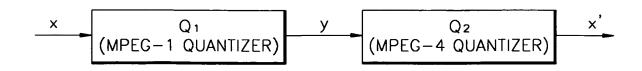
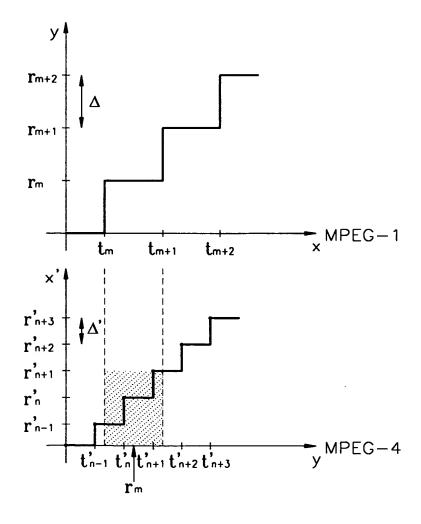


FIG. 7B



YOO et al. Q64106
TRANSCODING METHOD AND APPARATUS
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-7060
9 of 14

FIG. 8A

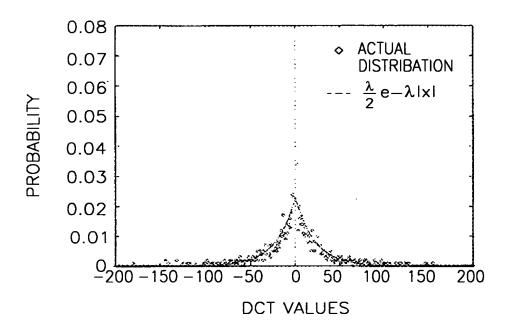
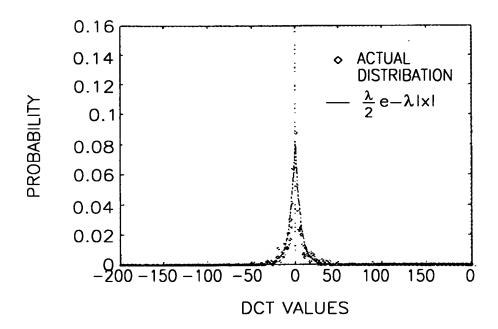


FIG. 8B



YOO et al. Q64106 TRANSCODING METHOD AND APPARATUS THEREFOR Filed: May 25, 2001 Darryl Mexic 202-293-7060 10 of 14

FIG. 9A



FIG. 9B



YOO et al.
TRANSCODING METHOD AND APPARATUS
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-7060
11 of 14

FIG. 9C



YOO et al. Q64106 TRANSCODING METHOD AND APPARATUS THEREFOR Filed: May 25, 2001 Darryl Mexic 202-293-7060 12 of 14

FIG. 10

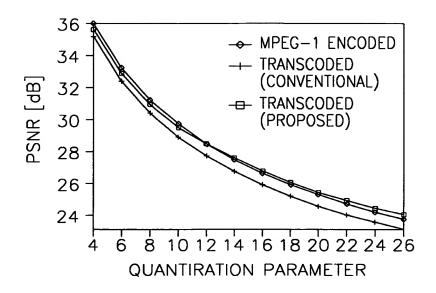
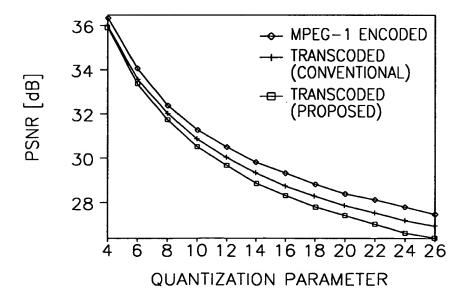
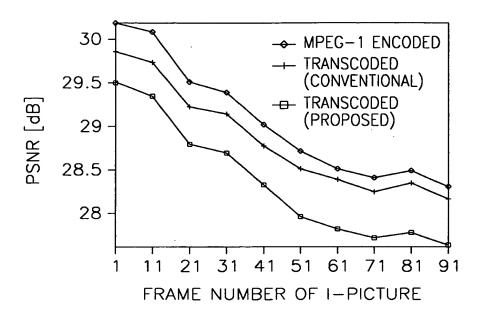


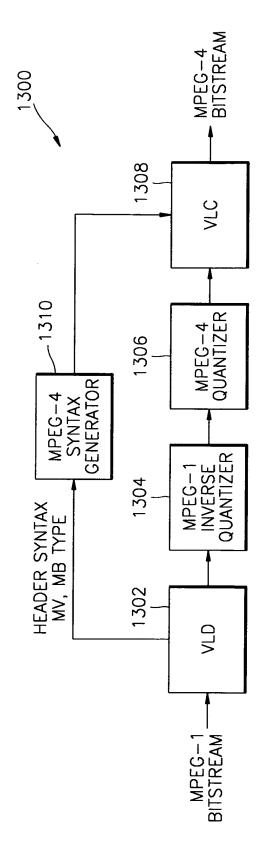
FIG. 11



YOO et al. Q64106
TRANSCODING METHOD AND APPARATU
THEREFOR
Filed: May 25, 2001
Darryl Mexic 202-293-7060
13 of 14

FIG. 12





 YOO et al.
 Q64106

 TRANSCODING METHOD AND APPARATUS
 THEREFOR

 Filed: May 25, 2001
 202-293-7060

 Danyl Mexic
 202-293-7060